



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : METHOD OF RESISTING  
: OSTEOCLAST FORMATION  
G. DAVID ROODMAN ET AL. :  
:   
Serial No. 10/650,277 :  
:   
Filed August 28, 2003 : Attorney Docket No. 214001-01028-1

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF**  
**NONPROVISIONAL APPLICATION Filed Under 37 C.F.R. 1.53(b)**  
**And**  
**REQUEST FOR CORRECTED FILING RECEIPT**

Eckert Seamans Cherin & Mellott, LLC  
600 Grant Street, 44<sup>th</sup> Floor  
Pittsburgh, PA 15219  
February 26, 2004

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the enclosed NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION dated December 31, 2003, enclosed are the executed Declarations and Powers of Attorney for filing in the captioned application.

It should be noted that the Patent & Trademark Office made an error on the Filing Receipt dated 12/31/2003. The surname of the first named inventor is "Roodman" and not "Rodman." Please change the spelling of the inventor's name on the Filing Receipt from "G. David Rodman" to --**G. David Roodman**--. A copy of the Filing Receipt is enclosed and has been marked in red to identify the error. Also enclosed are copies of the first page of the Application Data Sheet and the Utility Patent Application Transmittal, both of which were filed with the application and provide evidence of the proper spelling of the inventor's name.

Please charge the undersigned Attorney's Deposit Account No. 02-2556 in the amount of \$65 to cover the late filing fee. Please charge any underpayment or credit any overpayment to Deposit Account No. 02-2556. Duplicate copies of the fee transmittal sheets are enclosed.

Please date stamp and return the enclosed postcard in order to  
acknowledge receipt of these documents.

Respectfully submitted,

A handwritten signature in cursive script that reads "Debra Z. Anderson".

Debra Z. Anderson  
Registration No. 44,506  
Attorney for Applicants

(412) 566-1910



214001-01028-1

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/650,277	08/28/2003	1632	683	214001-01028-1	11	28	4

RECEIVED  
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CONFIRMATION NO. 6622

003705  
ECKERT SEAMANS CHERIN & MELLOTT  
600 GRANT STREET  
44TH FLOOR  
PITTSBURGH, PA 15219

ECKERT, SEAMANS, CHERIN &amp; MELLOTT



\*OC000000011596037\*

Date Mailed: 12/31/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

*Roodman*  
G. David Roodman, Pittsburgh, PA;  
Sun Jin Choi, Wexford, PA;  
Yasuo Oba, Kochi, JAPAN;

## Domestic Priority data as claimed by applicant

This appln claims benefit of 60/407,335 08/30/2002

## Foreign Applications

If Required, Foreign Filing License Granted: 12/31/2003

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

Method of resisting osteoclast formation



## Application Data Sheet

### **Application Information**

Application Type::	Utility
Title::	METHOD OF RESISTING OSTEOCLAST FORMATION
Attorney Docket Number::	214001-01028-1
Request for Early Publication::	No
Request for Non-Publication::	Yes
Total Drawing Sheets::	11
Small Entity::	Yes
Petition Included::	No

### **Applicant Information**

Applicant Authority Type::	Inventor
Primary Citizenship Country::	US
Status::	Full Capacity
Given Name::	G. David
Family Name::	Roodman
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State or Province of Residence::	Pennsylvania
Country of Residence::	US
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State or Province of Mailing Address::	Pennsylvania
Country of Mailing Address::	US
Postal or Zip Code of Mailing Address::	15217



UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

214001-01028-1

First Inventor

G. David Roodman

Title

METHOD OF RESISTING  
OSTEOCLAST FORMATION

Express Mail Label No.

EV 207366735 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 30]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets 11]
5. Oath or Declaration [Total Sheets       ]  
a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ Paper  
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: .....

Prior application information:

Examiner

Art Unit:

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: 003705 OR ☐ Correspondence address below

Name	Arnold B. Silverman				
Address	Eckert Seamans Cherin & Mellott, LLC 600 Grant Street, 44th Floor				
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Country	US	Telephone	412-566-2077	Fax	412-566-6099

Name (Print/Type)	Arnold B. Silverman	Registration No. (Attorney/Agent)	22,614
Signature		Date	August 28, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.